



# MATHEMATICS

Grade 12 ES (Eng. Math V)

MAT – 1220

2011 – 2012

Book: Grade 12 ES calculus and applications Publisher: Pearson-Addison Wesley

ISBN: 978-0-32152655-7

Contact Periods: 5/week **Term 2**

WK1 (2 Jan-5Jan)	<b>New Year Holiday</b> <b>Calculus (Chapter 6):</b> calculus with applications of the Derivatives 6.1 absolute Extrema [3 periods]
WK2 (8Jan-12Jan)	6.1 continued [3 periods] 6.2 Applications of Extrema [2 periods]
WK3 (15Jan-19Jan)	6.2 continued [5 periods] <b>Internal Quiz 1(20 minutes )</b>
WK4 (22 Jan-24 Jan)	6.4 Implicit differentiation [2 periods] <b>IAT -TECH 25<sup>th</sup> &amp; 26<sup>th</sup> January</b>
WK5 (29Jan-2 Feb)	6.4continued [5 periods]
WK6 (5 Feb-9 Feb)	<b>The Prophet Birthday peace be upon him TPC</b> 6.5 Related Rates [3 periods] <b>System wide quiz # 1</b> Al Bayariq Drill Days + Career Exploration Day
WK7 (12Feb-16Feb)	6.5continued [3 periods] <b>Calculus (Chapter 7):</b> calculus with applications Integration 7.1 Antiderivatives [2 periods] <b>Internal Quiz 2(20 minutes )</b>
WK8 (19Feb-23Feb)	7.1 continued [4 periods] 7.2 substitution [1 period]
WK9 (26Feb-1 March)	7.2 continued [5 periods ] <b>System wide quiz # 2</b>
WK10 (4 March-8March)	7.3 Area and the definite integral [5 periods]
WK11 (11 March-15March)	7.4 the fundamental theorem of calculus [5 periods]
WK12 (18 March-22March)	7.4 continued [3 periods] Revision [2 periods]

WK13 (24 March-29 March)	<div>End of Term-2 Exams</div>
-----------------------------	--------------------------------